Date: 2024-04-02

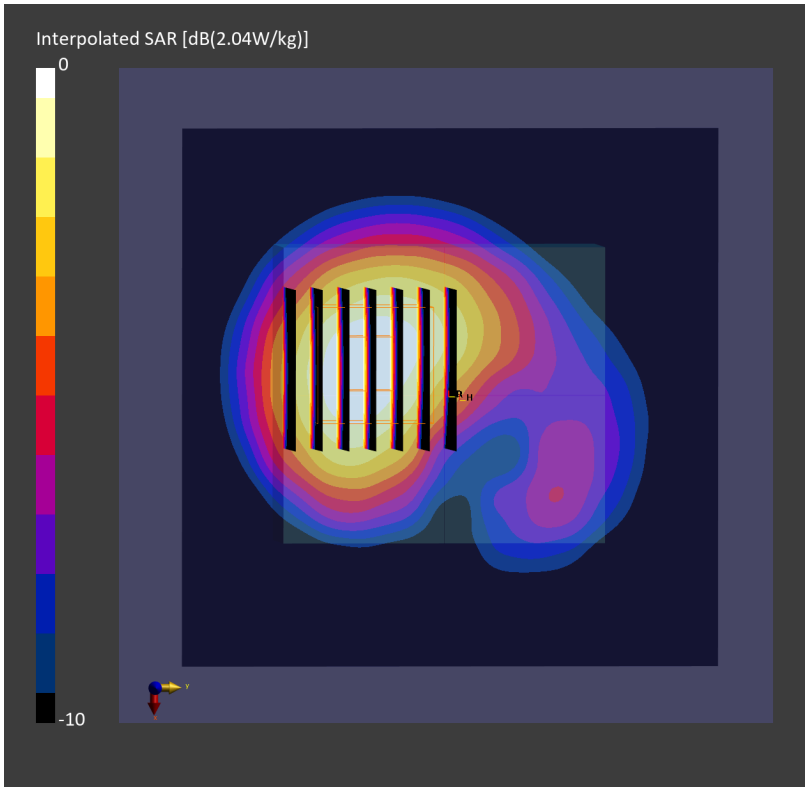
#01_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11

Communication System: 802.11b; Frequency: 2462.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_240402 Medium parameters used: f= 2462.000 MHz; σ= 1.81 S/m; ε_r = 39.6
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10315-AAB

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.16 W/kg; SAR (10g) = 0.620 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 1.07 W/kg; SAR (8g) = 0.696 W/kg; SAR (10g) = 0.643 W/kg
Smallest distance from peaks to all points 3 dB below = 14.5 mm
Ratio of SAR at M2 to SAR at M1 = 82.7 %



Date: 2024-04-02

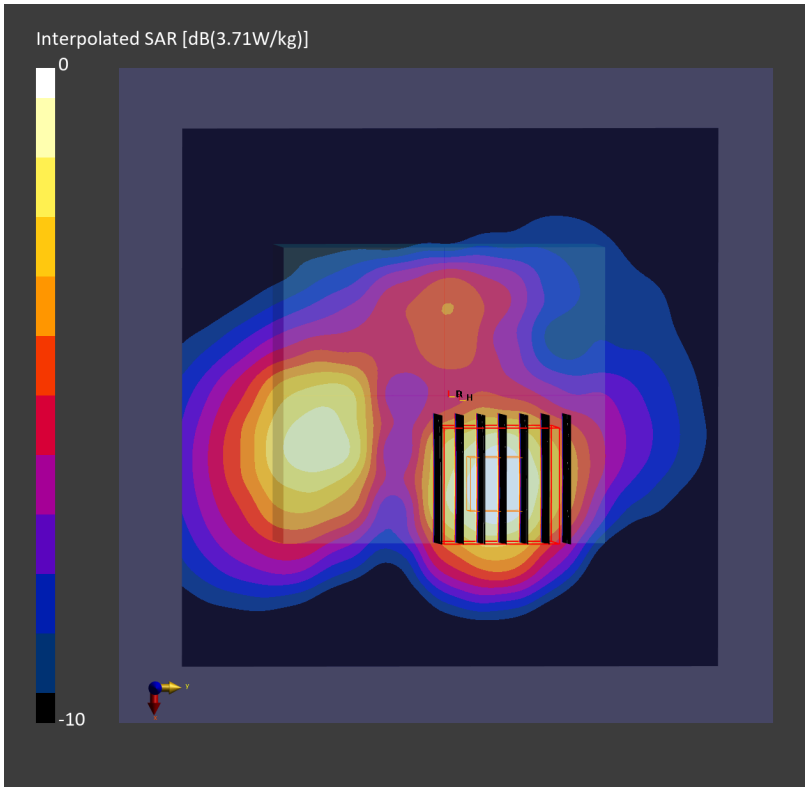
#02_WLAN5GHz_802.11n-HT40 MCS0_Front_10mm_Ch54

Communication System: 802.11n; Frequency: 5270.000 MHz; Duty Cycle: 1:1
Medium: HSL_5250_240402 Medium parameters used: f= 5270.000 MHz; σ= 4.80 S/m; ε_r = 36.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 1.00 W/kg; SAR (10g) = 0.376 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.11 dB
SAR (1g) = 1.11 W/kg; SAR (8g) = 0.462 W/kg; SAR (10g) = 0.407 W/kg
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 64.8 %



Date: 2024-04-02

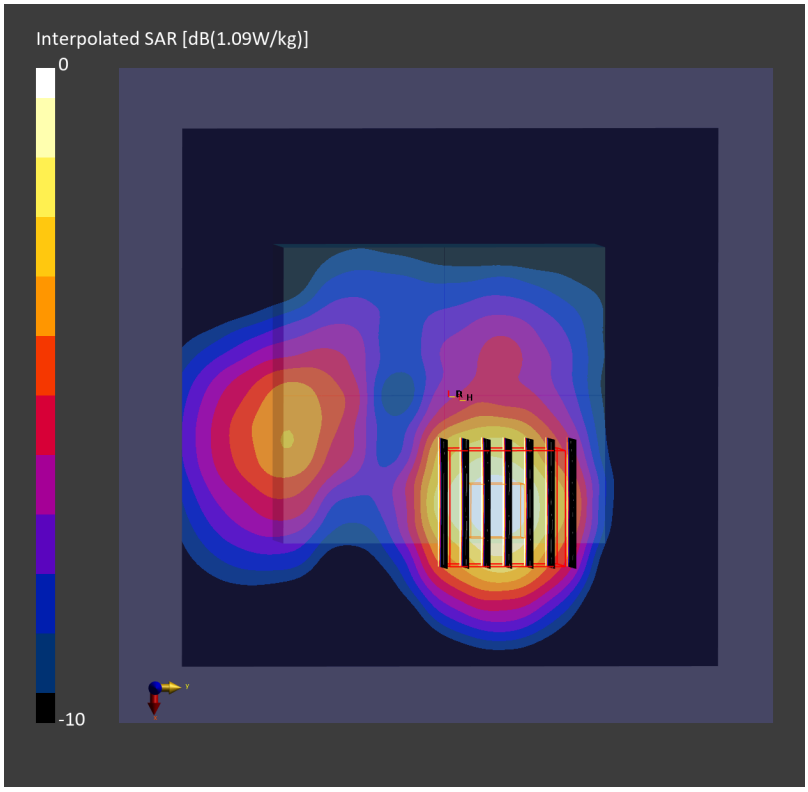
#03_WLAN5GHz_802.11n-HT40 MCS0_Front_10mm_Ch142

Communication System: 802.11n; Frequency: 5710.000 MHz; Duty Cycle: 1:1
Medium: HSL_5750_240402 Medium parameters used: f= 5710.000 MHz; σ= 5.27 S/m; ε_r = 36.1
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.792 W/kg; SAR (10g) = 0.294 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.10 dB
SAR (1g) = 0.828 W/kg; SAR (8g) = 0.344 W/kg; SAR (10g) = 0.305 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.6 %



Date: 2024-04-02

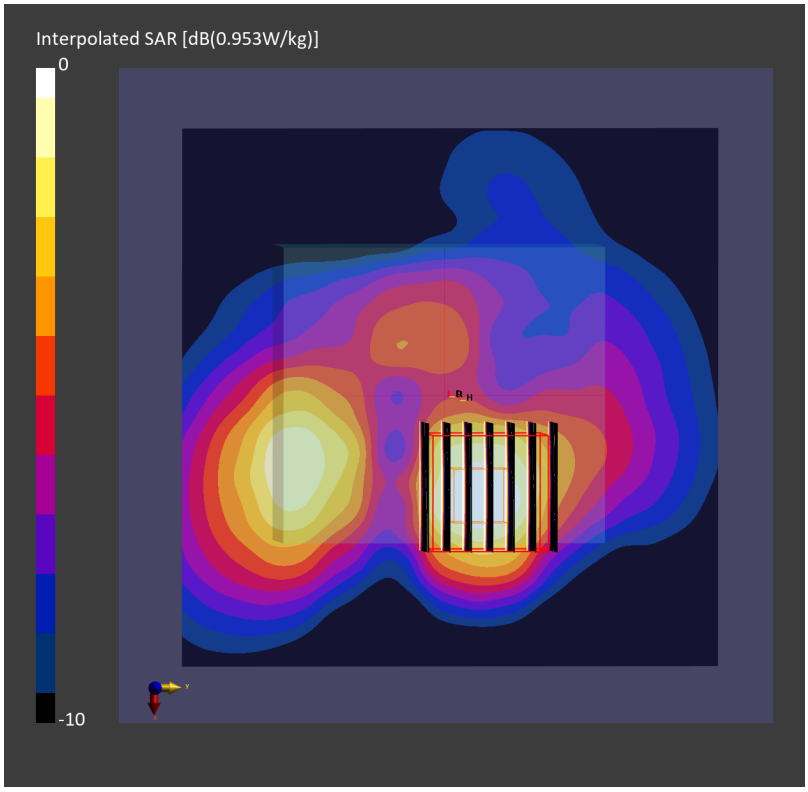
#04_WLAN5GHz_802.11ac-VHT80 MCS0_Front_10mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz; Duty Cycle: 1:1
Medium: HSL_5750_240402 Medium parameters used: f= 5775.000 MHz; σ= 5.35 S/m; ε_r = 36.0
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.724 W/kg; SAR (10g) = 0.265 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.15 dB
SAR (1g) = 0.789 W/kg; SAR (8g) = 0.325 W/kg; SAR (10g) = 0.286 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 66.1 %



Date: 2024-04-02

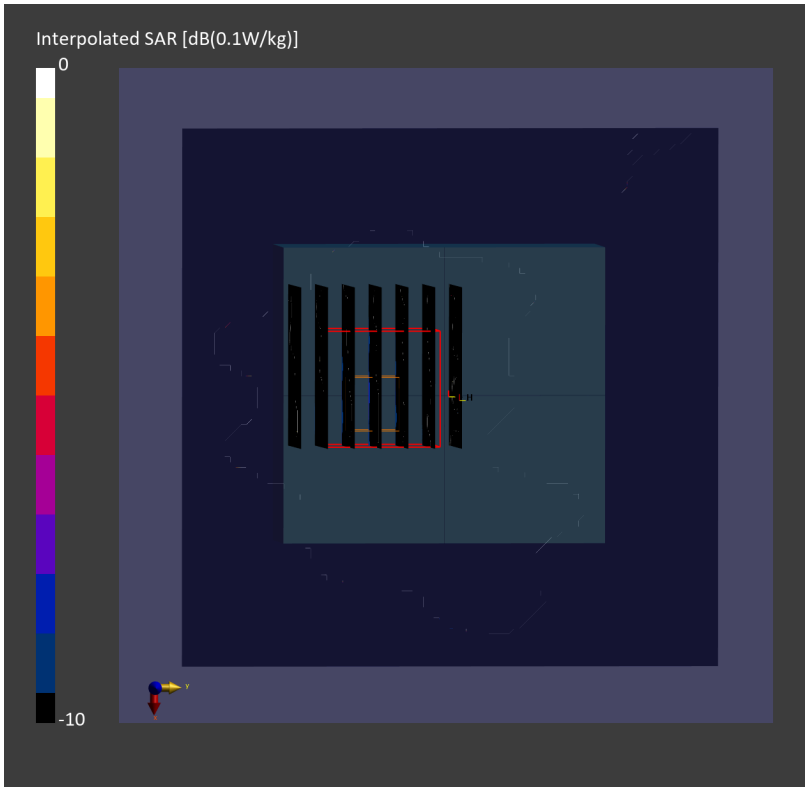
#05_Bluetooth_1Mbps_Front_10mm_Ch39

Communication System: Bluetooth; Frequency: 2441.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_240402 Medium parameters used: f= 2441.000 MHz; σ= 1.78 S/m; ε_r = 39.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.009 W/kg; SAR (10g) = 0.005 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.03 dB
SAR (1g) = 0.009 W/kg; SAR (8g) = 0.005 W/kg; SAR (10g) = 0.004 W/kg
Smallest distance from peaks to all points 3 dB below = 9.9 mm
Ratio of SAR at M2 to SAR at M1 = 89.5 %



Date: 2024-04-02

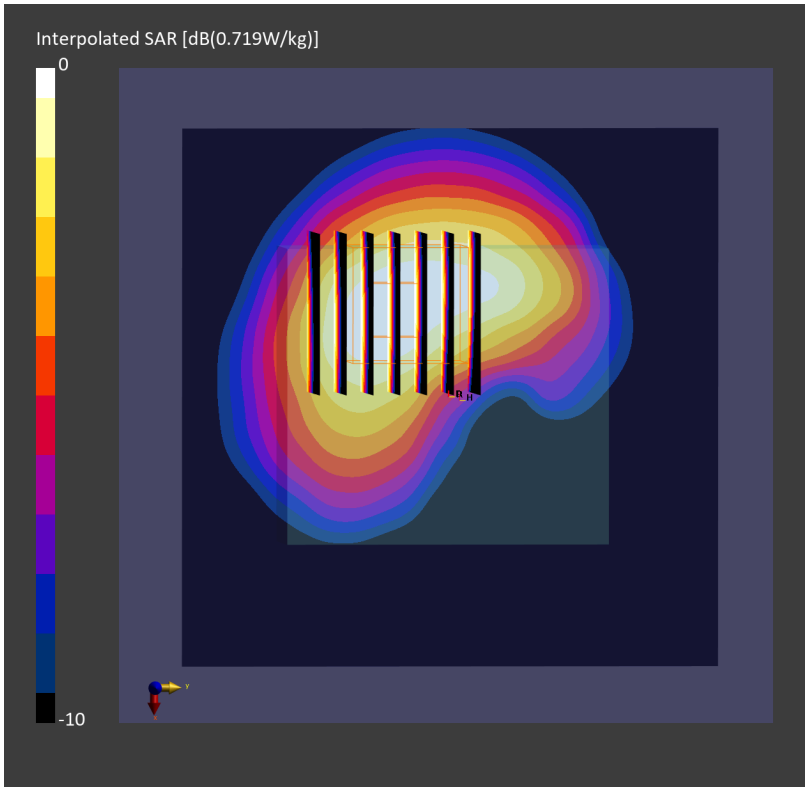
#06_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch11

Communication System: 802.11b; Frequency: 2462.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_240402 Medium parameters used: f= 2462.000 MHz; σ= 1.81 S/m; ε_r = 39.6
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10315-AAB

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.580 W/kg; SAR (10g) = 0.314 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.03 dB
SAR (1g) = 0.568 W/kg; SAR (8g) = 0.337 W/kg; SAR (10g) = 0.312 W/kg
Smallest distance from peaks to all points 3 dB below = 14.3 mm
Ratio of SAR at M2 to SAR at M1 = 83.1 %



Date: 2024-04-02

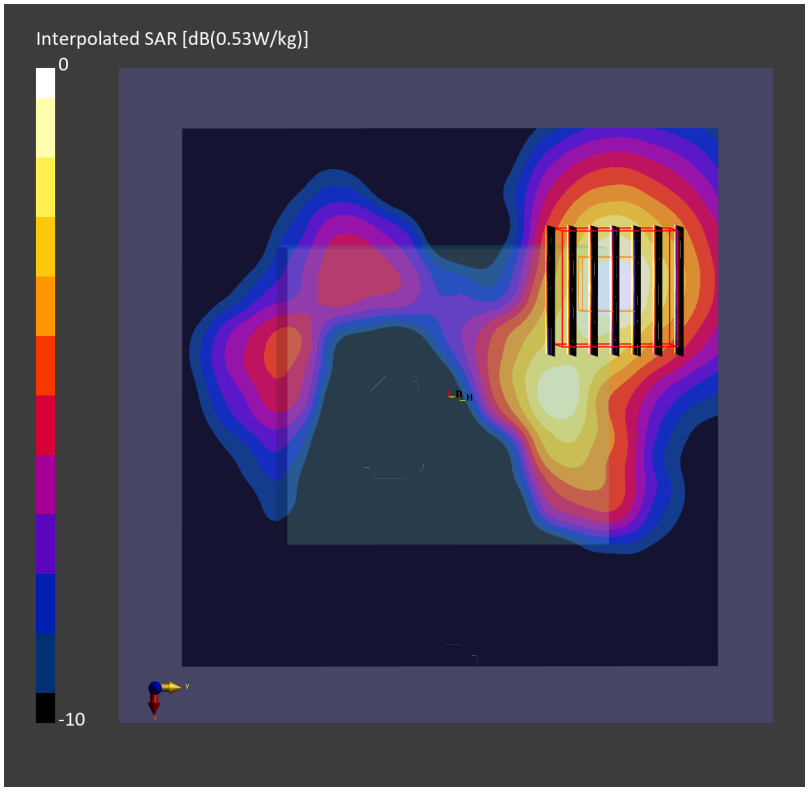
#07_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch54

Communication System: 802.11n; Frequency: 5270.000 MHz; Duty Cycle: 1:1
Medium: HSL_5250_240402 Medium parameters used: f= 5270.000 MHz; σ= 4.80 S/m; ε_r = 36.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.362 W/kg; SAR (10g) = 0.137 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.15 dB
SAR (1g) = 0.360 W/kg; SAR (8g) = 0.149 W/kg; SAR (10g) = 0.133 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.9 %



Date: 2024-04-02

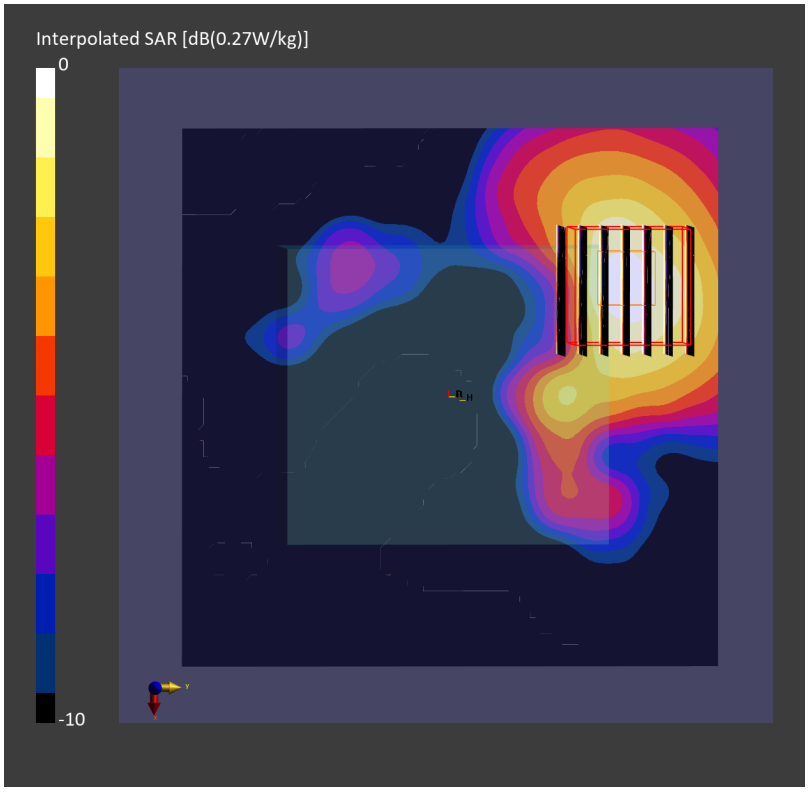
#08_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch102

Communication System: 802.11n; Frequency: 5510.000 MHz; Duty Cycle: 1:1
Medium: HSL_5600_240402 Medium parameters used: f= 5510.000 MHz; σ= 5.05 S/m; ε_r = 36.4
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.59, 4.48, 4.7); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.192 W/kg; SAR (10g) = 0.076 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.07 dB
SAR (1g) = 0.154 W/kg; SAR (8g) = 0.066 W/kg; SAR (10g) = 0.037 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 64.2 %



Date: 2024-04-02

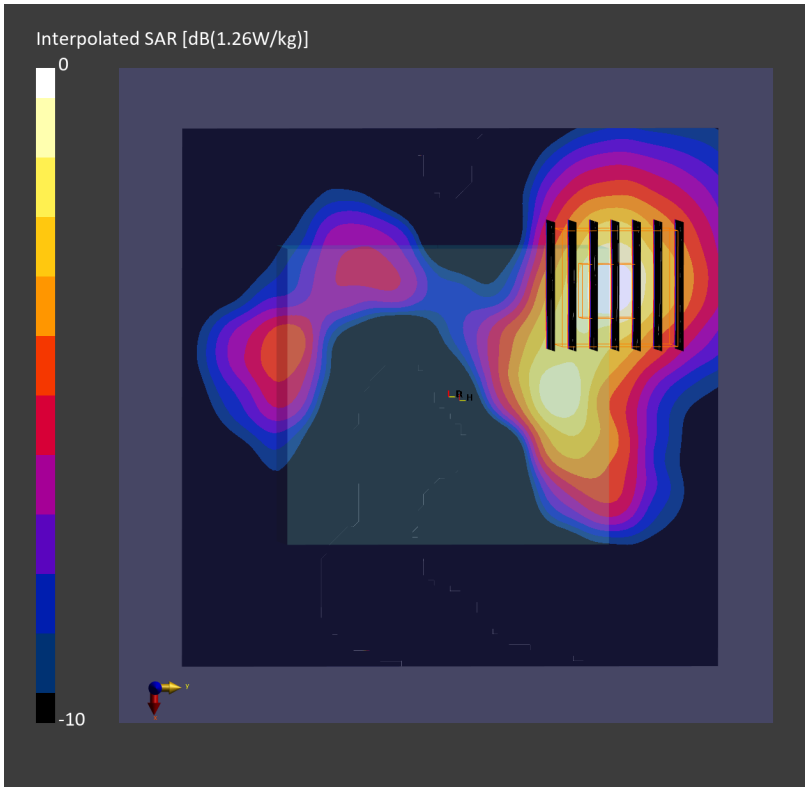
#09_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz; Duty Cycle: 1:1
Medium: HSL_5750_240402 Medium parameters used: f= 5775.000 MHz; σ= 5.35 S/m; ε_r = 36.0
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.364 W/kg; SAR (10g) = 0.132 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = -0.07 dB
SAR (1g) = 0.369 W/kg; SAR (8g) = 0.152 W/kg; SAR (10g) = 0.135 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 66.1 %



Date: 2024-04-02

#10_Bluetooth_1Mbps_Back_0mm_Ch39

Communication System: Bluetooth; Frequency: 2441.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_240402 Medium parameters used: f= 2441.000 MHz; σ= 1.78 S/m; ε_r = 39.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.008 W/kg; SAR (10g) = 0.004 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.16 dB
SAR (1g) = 0.005 W/kg; SAR (8g) = 0.002 W/kg; SAR (10g) = 0.002 W/kg
Smallest distance from peaks to all points 3 dB below = 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 92.1 %